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**TRANSMITTAL
FORM**

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Total Number of Pages in This Submission

Application Number

10/678,725

Filing Date

October 3, 2003

First Named Inventor

Robert C. Lam

Art Unit

1771/Conf. #6124

Examiner Name

Peter Y. Choi

Attorney Docket Number

01170/00078

ENCLOSURES (Check all that apply)☐

Fee Transmittal Form

☐

Fee Attached

☒

Amendment/Reply

☐

After Final

☐

Affidavits/declaration(s)

☐

Extension of Time Request

☐

Express Abandonment Request

☐

Information Disclosure Statement

☐

Certified Copy of Priority Document(s)

☐Reply to Missing Parts/
Incomplete Application☐Reply to Missing Parts
under 37 CFR 1.52 or 1.53☐

Drawing(s)

☐

Licensing-related Papers

☐

Petition

☐Petition to Convert to a
Provisional Application☐

Power of Attorney, Revocation

☐

Change of Correspondence Address

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Terminal Disclaimer

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Request for Refund

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CD, Number of CD(s) _____

☐ Landscape Table on CD☐

After Allowance Communication to TC

☐Appeal Communication to Board
of Appeals and Interferences☐Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)☐

Proprietary Information

☐

Status Letter

☒Other Enclosure(s) (please identify
below):

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Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

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Signature

Printed name

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Date

Reg. No.

25,463

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7/10/07

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01170/00078

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Robert C. Lam

Serial No: 10/678,725

Filed: October 3, 2003

For: ELASTIC AND POROUS FRICTION MATERIAL WITH HIGH
AMOUNTS OF FIBER

Exr. Peter Y. Choi

Art Unit: 1771

Confirmation No.: 6124

Commissioner of Patents
and Trademarks
Washington, D.C. 20231

July 9, 2007

RESPONSE

Sir:

In response to the Final Office Action mailed April 25, 2007, please amend
the above-identified patent application as follows:

1. (Canceled).
2. (Previously Presented) The friction material of claim 14 wherein the fibrous base material comprises about 80% by weight fibers and about 20% by weight filler.
3. (Canceled)
4. (Previously Presented) The friction material of claim 14 wherein the fibrous base material is a non-woven fibrous material.
5. (Previously Presented) The friction material of claim 14, wherein the fibrous base material is a woven fibrous material.
6. (Canceled)
7. (Previously Presented) The friction material of claim 14, wherein the fibrous base material has an average pore diameter of about 5 to about 8 μm .
8. (Canceled)

9. (Previously Presented) The friction material of claim 14, wherein the resin comprises at least one of: phenolic resin, at least one modified phenolic resin, at least one silicone resin, at least one modified silicone resin, at least one epoxy resin, at least one modified epoxy resin, or mixture of the above.

10. – 13. (Canceled)

14. (Previously Presented) A friction material comprising a fibrous base material wherein the fibrous base material comprises about 75% to about 85%, by weight, fibers and about 15% to about 25%, by weight, fillers based on the weight of the fibrous base material, wherein the fibrous base material has an average voids volume from about 50% to about 85%, wherein the fibrous base material is impregnated with a resin, and wherein the fibrous base material comprises about 35 to about 45%, by weight, of a less fibrillated aramid fiber; about 5 to about 15%, by weight, cotton fibers, about 2 to about 20%, by weight, carbon fibers.

15 – 16. (Canceled)

17. (Currently Amended) A friction material comprising a fibrous base

material wherein the fibrous base material comprises about 75% to about ~~85~~ 85% by weight, fibers and about 15% to about 25%, by weight, fillers based on the weight of the fibrous base material, wherein the fibrous base material has an average voids volume from about 50% to about 85%, wherein the fibrous base material is impregnated with a resin, and wherein the fibrous base material comprises, by wt., from about 15 to about 25% cotton fibers, about 40 to about 50% aramid fibers, 10 to about 20% carbon fibers.

18. (Previously Presented) the friction material of claim 14 wherein the fibrous base material includes about 20 to about 70% by weight of the resin.

19. (New) A friction material comprising a fibrous base material wherein the fibrous base material comprises about 75% to about 85%, by weight, fibers and about 15% to about 25%, by weight, fillers based on the weight of the fibrous base material, wherein the fibrous base material has an average voids volume from about 50% to about 85%, wherein the fibrous base material is impregnated with a resin, and wherein the fibrous base material is a woven fibrous material.